

Amendments to the Specification

Please replace the last paragraph on page 15 with the following paragraph:

The nucleotide and amino acid sequences for the entire coding region of the pancreas expressed chemokines, PANEC-1 and PANEC-2, claimed in this invention are shown in Figure 1 **and Figure 2**.

Please replace the paragraph on page 5, line 20 with the following paragraph:

Figures 3A, 3B and 3C show the aa alignment of PANEC-1 and PANEC-2 with other human chemokines of the C-C family. Alignments shown were produced using the multisequence alignment program of DNASTAR software (DNASTAR Inc, Madison WI) (Majority = SEQ ID NO:5; MIP 1 α = SEQ ID NO:6; MIP 1 β = SEQ ID NO:7; RANTES = SEQ ID NO:8; 226152 = SEQ ID NO: 2; MCP-1 = SEQ ID NO:9; MCP-2 = SEQ ID NO:10; MCP-3 = SEQ ID NO:11; 223187 = SEQ ID NO: 4).

Please replace the first paragraph on page 16 with the following paragraph:

From all of the randomly picked and sequenced clones of the human pancreas library, the panec sequences were homologous to but clearly different from one another and from any known C-C chemokine molecule. The complete nucleotide sequences for panec-1 and panec-2 were translated, and the in-frame translations, as identified, are shown in Figs. 1 and 2 (**2A-2B**), respectively. When all three possible predicted translations of the sequence were searched against protein databases such as SwissProt and PIR, no exact matches were found to the possible translations of panec-1 or panec-2. Figure 3 **A-C** shows the comparison of PANEC-1 and PANEC-2 amino acid sequences with other β chemokine molecules. The substantial regions of homology among these molecules which includes the definitive C-C motif are shaded. Hydrophobicity plots for PANEC-1 and PANEC-2 are shown as Figs. 4 and 5, respectively. The phylogenetic analysis (Figure 6) shows how closely panec-1 and panec-2 are related to one another and to other well characterized human C-C chemokines. The most related of these molecules cluster together at the right hand side of the figure.